

APR 27 2004

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**WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES
SEPA ENVIRONMENTAL CHECKLIST**

A. BACKGROUND

Application No.

1. Name of proposed project, if applicable:

Good Quarry

2. Name of applicant:

Good Construction

3. Address and telephone number of applicant and contact person:

*265 Rupp Road
Toledo, WA 98591
Attn: Jason Good
(306) 864-2974*

4. Date checklist prepared:

March 5, 2004

5. Agency requiring checklist:

WA Department of Natural Resources

6. Proposed timing or schedule (including phasing, if applicable):

Currently operating, schedule dependent upon market demand for aggregate.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain:

No.

8. **List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.**

None since the Lewis County Expanded Environmental Checklist of July 2000 and the Lewis County Mitigated Determination of Nonsignificance ("Lewis County MDNS") which was issued subsequently.

9. **Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain:**

None are known.

10. **List any government approval or permits that will be needed for your proposal, if known.**

Revised WA Department of Natural Resources Surface Mine Reclamation Plan

11. **Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page.**

The current proposal is a revised surface mining reclamation plan, which includes a larger acoustic berm and a narrower vegetative drainage buffer. These are the only two changes to the Good Quarry mining operation since the Lewis County 2000 SEPA review. These changes require a modification of the 1998 Reclamation Plan. The acoustic berm was increased from approximately 50,000 to 80,000 cubic yards (required by Lewis County Hearing Examiner to mitigate impacts to neighbors). Refer to 2004 Reclamation Plan Figures. The vegetative buffer along a low gradient intermittent drainage is being reduced from 50 feet to 25 feet. Other than these two changes the mining operations have already been reviewed under SEPA and are not subject to additional SEPA review (see Lewis County 2000 Expanded SEPA checklist and Lewis County MDNS).

12. **Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township and range, if known. If a proposal would occur over a large area, provide the boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.**

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The Good Quarry is located in the Southeast ¼ of the Northwest ¼ and Northeast ¼ of the Southwest ¼ of Section 8, Township 12 North, Range 2 West, W.M. in Lewis County, Washington. Refer to Site Location Map, 2004 Reclamation Plan.

TO BE COMPLETED BY APPLICANT

**EVALUATION FOR
AGENCY USE ONLY**

B. ENVIRONMENTAL ELEMENTS

1. Earth

- a) General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other.**

See 2000 Lewis County SEPA Checklist.

- b) What is the measurement of the steepest slope on the site (approximate percent slope)?**

Approximate 25 % slope

- c) What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farm land.**

The U.S.D.A. Soil Conservation Service, Soil Survey Of Lewis County Area, Washington (1980), describes topsoil on-site as Olympic silty clay loam, 8 to 30 percent slopes.

- d) Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.**

No.

- e) Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.**

Continued operations will be conducted sequentially by mining segments, followed by phased grading/contouring according to the reclamation plan.

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Stockpiled and augmented topsoil will be replaced as segments are mined and final-graded. Approximately 81,745 cubic yards of subsoil have been permanently placed in an acoustic berm, 31,745 cubic yards more than previously described in the 2000 SEPA. The berm will be revegetated and permanently remain in place.

The acoustic berm was required by Lewis County as a condition of the Special Use Permit. As a condition of the Lewis County 2000 SEPA MDNS, noise from the quarry was required to be mitigated by construction of a berm. This condition required construction of a larger acoustic berm than the berm shown on the 1997 DNR Reclamation Plan.

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- f) **Could erosion occur as a result of clearing, construction, or use? If so, generally describe.**

Insignificant due to mitigated measures. Berm slopes were reduced to 2:1 and vegetated. The drainage buffer is vegetated with six year old Red alder and native ground cover.

- g) **About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?**

There is no asphalt surface proposed, the site will be reclaimed back to forest land.

- h) **Proposed measures to reduce or control erosion, or other impacts to the earth, if any:**

No further measures are proposed for the berm or drainage buffer. Both are vegetated and the berm has been re-sloped as stated above.

2. Air

- a) **What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and**

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when the project is completed? If any, generally describe and give approximate quantities if known.

See 2000 Lewis County SEPA Checklist.

- b) Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.**

No.

- c) Proposed measures to reduce or control emissions or other impacts to air, if any:**

See 2000 Lewis County SEPA Checklist.

3. Water

- a) Surface:**

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, salt water, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.**

Two unnamed intermittent type 5 drainages are adjacent to the proposed mining area, one outside the southern permit boundary and one inside the permit boundary but north of the mining area. These drainages do not co-mingle with mining disturbance and join along the eastern permit boundary.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.**

The only change is that the arbitrary 50-foot buffer has been changed to a 25-foot buffer along the intermittent drainage located north of the mining area, per Lewis County Interim Critical Areas Ordinance (17.35.680) for rural Type 5 streams. These

boundaries are identified on Figure 3 of the 2004 DNR Reclamation Plan.

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- 3) **Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands. Indicate the area of the site which would be affected. Indicate the source of fill material.**

None.

- 4) **Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.**

None.

- 5) **Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.**

No.

- 6) **Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.**

No.

b) **Ground:**

- 1) **Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.**

See 2000 Lewis County SEPA Checklist.

- 2) **Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: domestic sewage; industrial, containing the following chemicals...; agricultural; etc.). Describe the general size of the system, the**

number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

None.

c) **Water Runoff (including storm water):**

- 1) **Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.**

Precipitation is the only source of surface water affecting the berm & drainage buffer.

- 2) **Could waste materials enter ground or surface waters? If so, generally describe.**

Existing, natural vegetation buffers the drainage, acting as a bio-filter minimizing the potential for any sediment movement toward the drainage. Berm slopes have been reduced, minimizing erosion potential along with being mulched and revegetated. .

- d) **Proposed measures to reduce or control surface, ground and run-off water impacts, if any:**

Drainage buffer and berm are both completely vegetated.

4. Plants

- a) **List types of vegetation found on the site:**

See 2000 Lewis County SEPA Checklist.

deciduous trees: *Red alder.*

evergreen trees: *Douglas fir, Western Hemlock*

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shrubs: *Himalayan, Evergreen, and Trailing Blackberry, Sword fern, Salal, Oregon Grape.*

grass:

pasture:

crop or grain:

wet soil plants:

water plants: water lily, eelgrass, milfoil, other:

other types of vegetation:

- b) **What kind and amount of vegetation will be removed or altered?**

A 25 foot buffer of natural vegetation will remain on both sides of the drainage.

- c) **List threatened or endangered species known to be on or near the site.**

None known.

- d) **Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:**

Topsoil and native vegetation have been re-established according to the revegetation specification of the 2004 Reclamation Plan. Existing vegetation will remain in place within the drainage buffer.

5. Animals

- a) **List any birds and animals which have been observed on or near the site, or are known to be on or near the site:**

birds: *Red-tailed hawk, various song birds.*

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mammals: *Black-tailed deer, coyote, cougar.*

fish: *None.*

- b) List any threatened or endangered species know to be on or near the site.**

None known.

- c) Is the site part of a migration route? If so, explain.**

Pacific Flyway.

- d) Proposed measures to preserve or enhance wildlife, if any:**

The berm has been re-vegetated in accordance with the reforestation prescription with in the 2004 Reclamation Plan as will the entire site at the completion of mining. A 25 foot buffer of native vegetation will be maintained along the intermittent, seasonal drainage.

6. Energy and Natural Resources

- a) What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.**

No energy sources will be necessary upon final reclamation.

- b) Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.**

No.

- c) What kinds of energy conservation features are included in the plans of this proposal? List other**

proposed measures to reduce or control energy impacts, if any:

N/A

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7. Environmental Health

- a) Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe:**

Petroleum products are delivered to the site on an as-needed basis, eliminating the need for on-site storage tanks. Accidental fuel or oil spills are possible, but a spill prevention and countermeasure control plan is kept on site and will be followed throughout the life of the project.

- 1) Describe special emergency services that might be required.**

N/A

- 2) Proposed measures to reduce or control environmental health hazards, if any:**

The Sand and Gravel General Permit (with SWPP and SPCC Plans) will remain in effect through project duration. Best management practices will be employed on site to reduce the potential for accidental fuel or oil spills from occurring during equipment refueling. BMPs will also be used to quickly and completely clean up any spills consistent with the spill prevention countermeasure and control plan and remove any spill-contaminated materials to an approved disposal site.

b) Noise

- 1) What types and levels of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?**

None from adjacent properties.

- 2) **What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.**

Short-term noise generation by mining equipment and associated production plant during work hours.

- 3) **Proposed measures to reduce or control noise impacts if any:**

Berm has been increased area and height for noise mitigation.

8. **Land and Shoreline Use**

- a) **What is the current use of the site and adjacent properties?**

Mining, forestry, low density rural residential, ranching.

- b) **Has the site been used for agriculture? If so, describe:**

No

- c) **Describe any structures on the site.**

None.

- d) **Will any structures be demolished? If so, what?**

N/A.

- e) **What is the current zoning classification of the site?**

Rural Development District (RDD) 20.

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- f) **What is the current comprehensive plan designation of the site?**

Classified Forest.

- g) **If applicable, what is the current shoreline master program designation of the site?**

N/A

- h) **Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.**

No.

- i) **Approximately how many people would reside or work in the completed project?**

0

- j) **Approximately how many people would the completed project displace?**

0

- k) **Proposed measures to avoid or reduce displacement impacts, if any:**

N/A

- l) **Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:**

Land use has not changed. See 2000 Lewis County SEPA Checklist.

9. Housing

- a) **Approximately how many units would be provided, if any? Indicate whether high-, middle-, or low-income housing.**

0

- b) **Approximately how many units would be eliminated, if any? Indicate whether high-, middle-, or low- income housing.**

0

- c) **Proposed measures to reduce or control housing impacts, if any:**

N/A

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10. Aesthetics

- a) **What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?**

N/A.

- b) **What views in the immediate vicinity would be altered or obstructed?**

None.

- c) **Proposed measures to reduce or control aesthetic impacts, if any:**

Berm provides aesthetic and visual buffer.

11. Light and Glare

- a) **What type of light or glare will the proposal produce? What time of day would it mainly occur?**

See 2000 Lewis County SEPA Checklist.

- b) **Could light or glare from the finished project be a safety hazard or interfere with views?**

No.

- c) **What existing off-site sources of light or glare may affect your proposal?**

None.

- d) **Proposed measures to reduce or control light and glare impacts, if any:**

None.

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12. Recreation

- a) **What designated and informal recreational opportunities are in the immediate vicinity?**

None.

- b) **Would the proposed project displace any existing recreational uses? If so, describe.**

No.

- c) **Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:**

N/A

13. Historical and Cultural Preservation

- a) **Are there any places or objects listed on, or proposed for, national, state or local preservation registers known to be on or next to the site? If so, generally describe.**

No.

- b) **Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.**

N/A

- c) **Proposed measures to reduce or control impacts, if any:**

N/A

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14. Transportation

- a) **Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on-site plans, if any.**

No change. See 2000 Lewis County SEPA Checklist.

- b) **Is site currently served by public transit?**

No.

If not, what is the approximate distance to the nearest transit stop?

Eight miles north in Chehalis.

- c) **How many parking spaces would the completed project have? How many would the project eliminate?**

0

- d) **Will the proposal require any new roads or streets or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).**

No.

- e) **Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.**

N/A.

- f) **How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.**

No change. See 2000 Lewis County SEPA Checklist.

- g) **Proposed measures to reduce or control transportation impacts, if any:**

See 2000 Lewis County SEPA Checklist.

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15. Public Services

- a) **Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.**

No.

- b) **Proposed measures to reduce or control direct impacts on public services, if any.**

N/A

16. Utilities

- a) **Circle utilities currently available at the site:**


Electricity has previously been provided to the site.

- b) **Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.**

No additional utilities are necessary for continued operations at this site.

SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature:  _____

Date submitted: 4/27/04

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